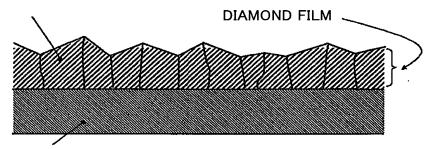
WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP Title: Submerged Electrode and Material Thereof Inventor(s): Naoaki OGURE et al. Attorney Docket: 062068

1/17

# DIAMOND CRYSTAL DOPED WITH BORON



ELECTRICALLY CONDUCTIVE SUBSTRATE (METAL OR INSULATING MATERIAL DOPED WITH IMPURITY)

FIG. 1

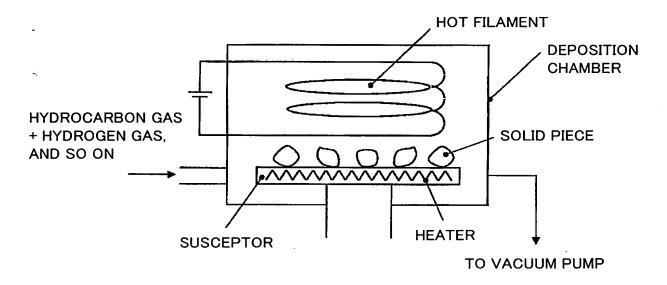


FIG. 2

Attorney Docket: 062068

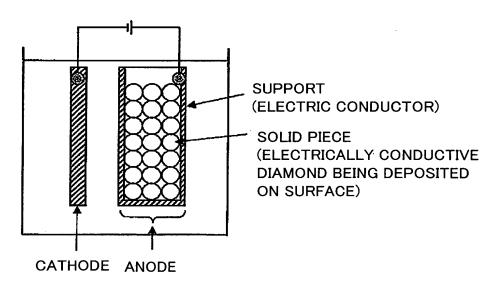


FIG. 3

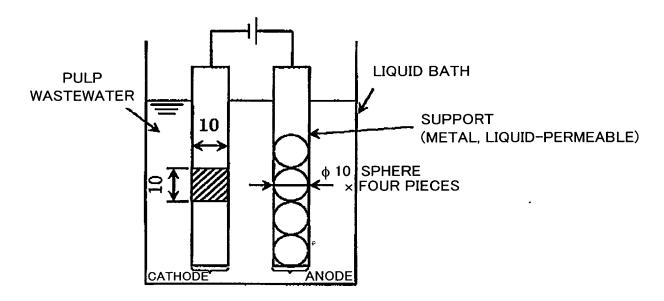


FIG. 4

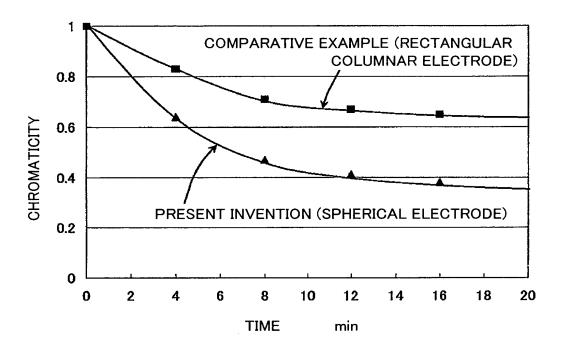
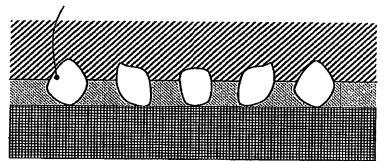


FIG. 5

#### ELECTRICALLY CONDUCTIVE DIAMOND PARTICLE



ELECTROLYTIC SOLUTION BEING PROCESSED

**COVERING LAYER** 

ELECTRICALLY CONDUCTIVE SUBSTRATE

FIG. 6

7/17

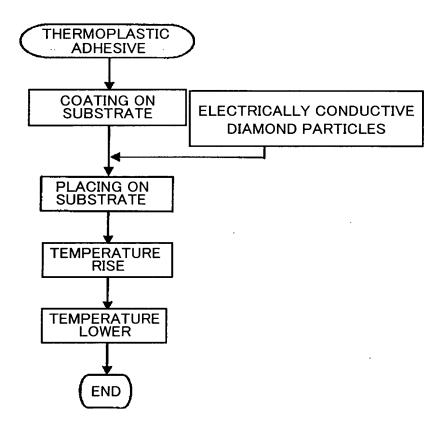
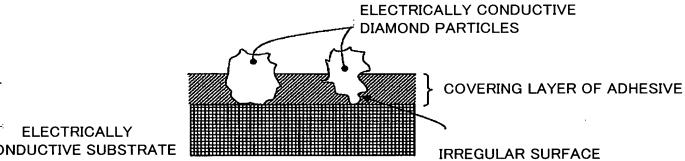


FIG. 7



**CONDUCTIVE SUBSTRATE** 

FIG. 8

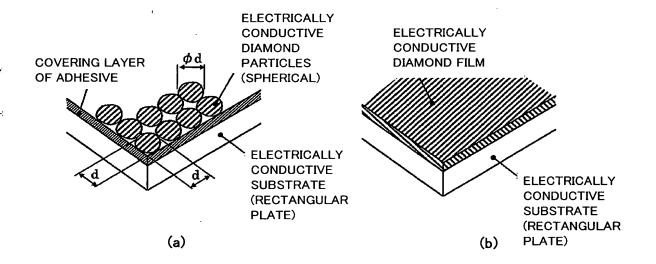


FIG. 9

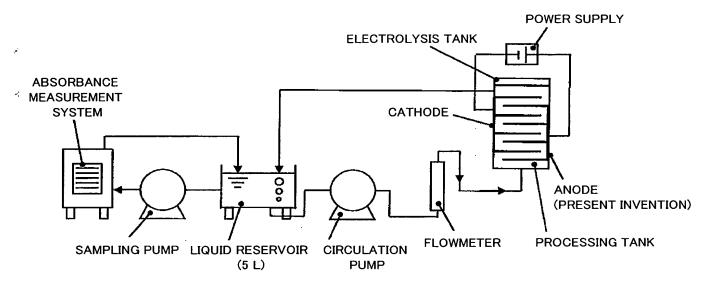


FIG. 10

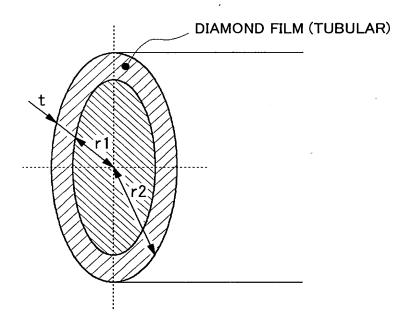


FIG. 11

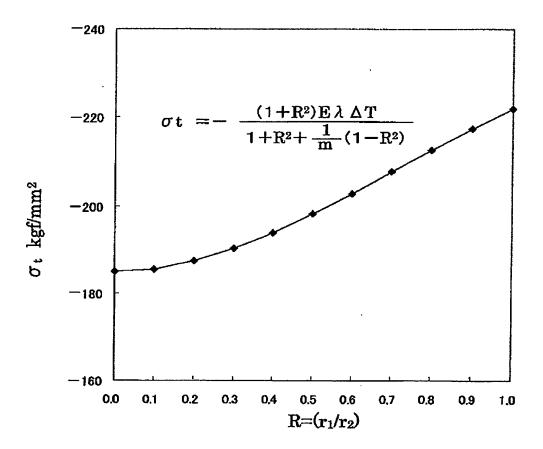


FIG. 12

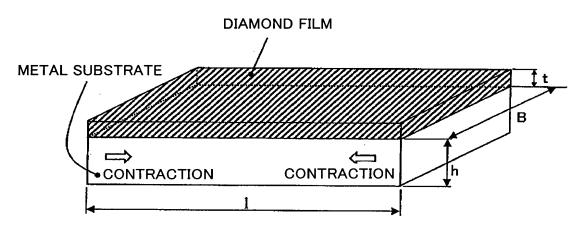
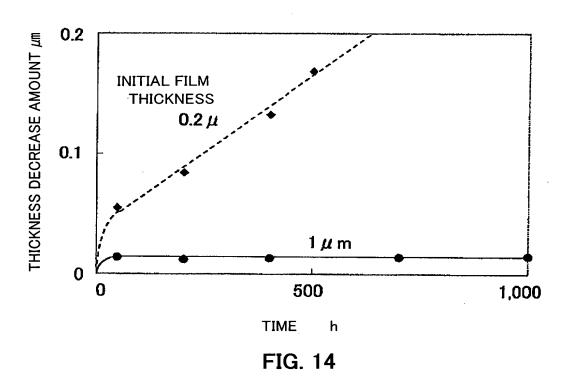


FIG. 13



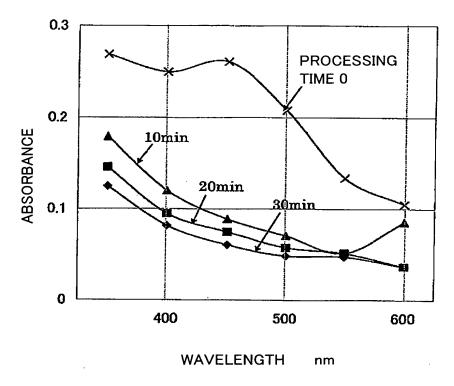


FIG. 15

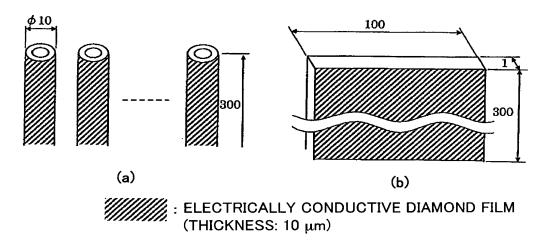


FIG. 16

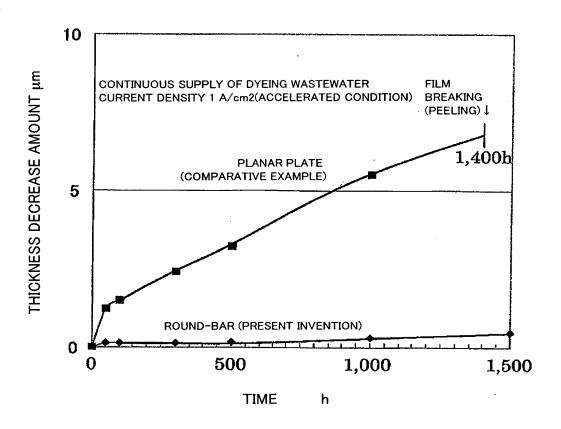


FIG. 17